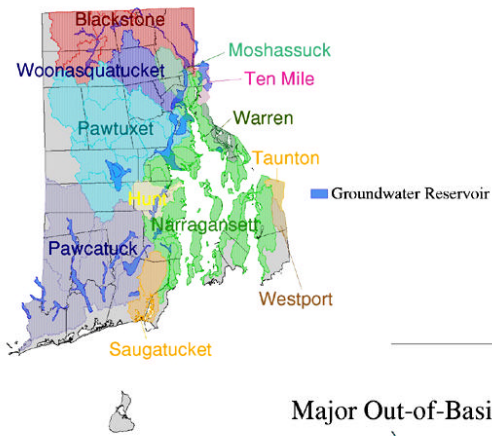


Water Sources for Major Public Water Districts and Out-of-Basin Transfers, Rhode Island

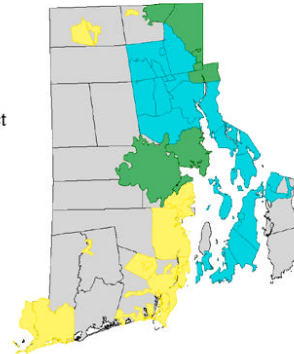
Katherine Wallace, Brown University
January 21, 2003

Surface Watersheds and Groundwater Reservoirs



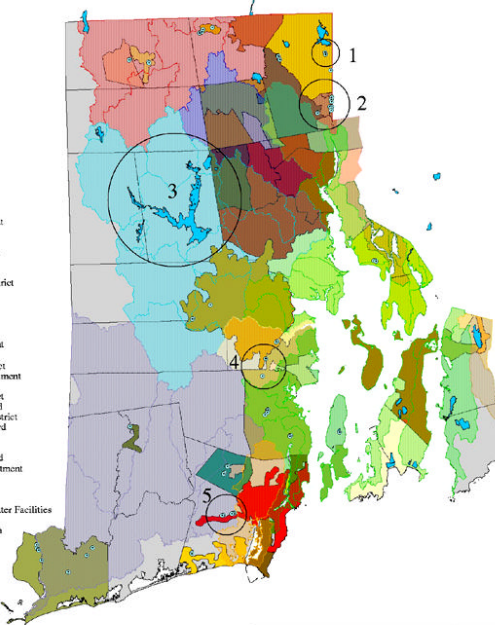
District Water Source

Public Water District
 Surface Water
 Groundwater
 Surface and Groundwater



Major Out-of-Basin Transfers by Public Water Districts

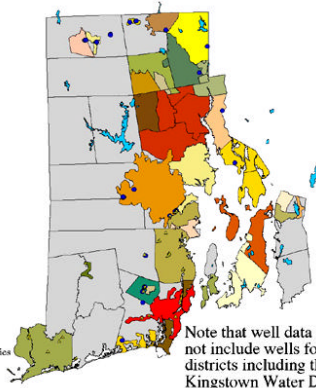
Out-of-Basin Transfer
 Water District Well
 Surface Reservoir
 Watershed
 Blackstone River
 Hunt River
 Moshassuck River
 Narragansett Bay
 Pawcatuck River
 Pawtuxet River
 Saugatucket River
 Taunton River
 Ten Mile River
 Warren River
 Woonasquatucket River
 Public Water District
 Block Island Water Department
 Bristol County Water District
 Cumberland Water District
 East Providence Water District
 East Smithfield Water District
 Greenville Water District
 Johnston Water Department
 Johnston Water and Fire District
 Johnston Water Department
 Kent County Water Authority
 Kingston Water District
 Lincoln Water Commission
 Narragansett Water Department
 Newport Water District
 North Kingstown Water District
 North Smithfield Water Department
 North Tiverton Water District
 Pascoag Water and Fire District
 Pawcatuck Water Supply Board
 Pawtuxet Water and Fire District
 Pawtuxet Water Supply Board
 R.I.D.C. Water District
 Richmond Water District
 Scituate Water Supply Board
 South Kingstown Water Department
 Stone Bridge Fire District
 Tiverton Water District
 United Water Rhode Island
 University of Rhode Island Water Facilities
 Warwick Water Department
 Westerly Water Supply System
 Woonsocket Water Division



- 1 Pawtuxet Water Supply Board Wells, Cumberland**
 Located in the Blackstone River Sub-Basin
 Supplies district serving portions of the Blackstone, Moshassuck, Narragansett, and Ten Mile watersheds
- 2 Pawtuxet Water Supply Board and Lincoln Water Commission Wells, Cumberland & Lincoln**
 Located in the Blackstone River Sub-Basin
 Pawtuxet wells supply district serving portions of the Blackstone, Moshassuck, Narragansett, and Ten Mile watersheds
 Lincoln wells supply district serving portions of the Blackstone and Moshassuck watersheds
- 3 Providence Water Supply Board Scituate Reservoir, Scituate**
 Located in the Scituate Sub-Basin of the Pawtuxet Watershed
 Supplies district serving portions of the Moshassuck, Pawtuxet, and Woonasquatucket watersheds
 PWSB through interconnections also supplies the East Smithfield, Greenville, Johnston, Kent County, and Warwick water districts. * These districts serve portions of the Moshassuck, Narragansett, Pawtuxet, Ten Mile, Warren, and Woonasquatucket watersheds
- 4 North Kingstown Water Department Wells, North Kingstown**
 Located in the Hunt River Watershed
 Supplies district serving portions of the Hunt and Narragansett watersheds
- 5 United Water Rhode Island Wells, South Kingstown**
 Located in the Chipuxet Sub-Basin of the Pawcatuck Watershed
 Supplies district serving portions of the Narragansett, Pawcatuck, and Saugatucket watersheds
 UWRI through interconnections also supplies the Narragansett Water Dept. and the Middlebridge portion of the South Kingstown Water Dept.* These districts serve portions of the Narragansett and Saugatucket watersheds

Sources for Major Public Water Districts
 Well and Pump Station Data from RI Water Resources Board

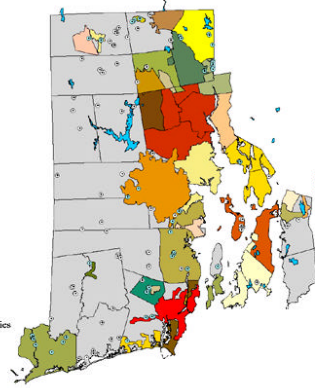
Pump Station *
 Well *
 Reservoir
 Public Water District
 Block Island Water Department
 Bristol County Water District
 Cumberland Water District
 East Providence Water District
 East Smithfield Water District
 Greenville Water District
 Johnston Water Department
 Johnston Water and Fire District
 Johnston Water Department
 Kent County Water Authority
 Kingston Water District
 Lincoln Water Commission
 Narragansett Water Department
 Newport Water District
 North Kingstown Water District
 North Smithfield Water Department
 North Tiverton Water District
 Pascoag Water and Fire District
 Pawcatuck Water Supply Board
 Pawtuxet Water and Fire District
 Pawtuxet Water Supply Board
 R.I.D.C. Water District
 Richmond Water District
 Scituate Water Supply Board
 South Kingstown Water Department
 Stone Bridge Fire District
 Tiverton Water District
 United Water Rhode Island
 University of Rhode Island Water Facilities
 Warwick Water Department
 Westerly Water Supply System
 Woonsocket Water Division



Note that well data layer does not include wells for some water districts including the North Kingstown Water Department and Westerly Water Supply System. Pump station data layer appears to include some of these wells, though not all pump stations represent wells.

Sources Major Public Water Districts
 Well Data from RIGIS Community Wells

Community Well
 Major Public Water District
 Other
 Reservoir
 Public Water District
 Block Island Water Department
 Bristol County Water District
 Cumberland Water District
 East Providence Water District
 East Smithfield Water District
 Greenville Water District
 Johnston Water Department
 Johnston Water and Fire District
 Johnston Water Department
 Kent County Water Authority
 Kingston Water District
 Lincoln Water Commission
 Narragansett Water Department
 Newport Water District
 North Kingstown Water District
 North Smithfield Water Department
 North Tiverton Water District
 Pascoag Water and Fire District
 Pawcatuck Water Supply Board
 Pawtuxet Water and Fire District
 Pawtuxet Water Supply Board
 R.I.D.C. Water District
 Richmond Water District
 Scituate Water Supply Board
 South Kingstown Water Department
 Stone Bridge Fire District
 Tiverton Water District
 United Water Rhode Island
 University of Rhode Island Water Facilities
 Warwick Water Department
 Westerly Water Supply System
 Woonsocket Water Division



* Source: RI Water Resources Board

All data layers from RIGIS unless otherwise noted